

Pollution Prevention Program

Readiness in Technical Base and Facilities Implementation Plan Data Sheet

Data Sheet Completion Date: February 27, 2002

RTBF Program Element: Operation of Facilities

RTBF Activity: Waste Processing

DP Program Sponsor: Dennis Miotla, NA-117

DP Program Manager: Michael Thompson, NA-117

M&O Responsible Manager: Carolyn Zerkle, ADO/IFC

Brief Description of Activity:

This supports elimination of environmental vulnerabilities from Laboratory operations through process improvement. It includes pollution prevention, waste minimization, conservation, sustainable design, and environmentally preferable procurement. Improvements made through this activity reduce RTBF costs.

Campaigns/Directed Stockpile Work (DSW) Supported by this Program Element
All Campaigns and DSW.

Funding Profile (\$M)									
2002	2002 OT	2003	2003 OT	2004	2004 OT	2005	2005 OT	2006	2006 OT
1.474		1.500		1.600		1.600		1.700	

Explanation of Change[s] FY2002-FY2006:

FY 2002 funding is based on the \$5.7B budget case approved by Congress, the NNSA Site Allocation and the budget described in the RTBF Allocation Matrix 2 approved by the SET. This budget is approximately \$135K below FY 2001.

The FY2003 funding is based on the Administrations budget as submitted by OMB. The FY03-06 funding is based on the FY 2002 budget plus 3% escalation.

FY2002 Planning:

- Development of programs, plans, and reports required by laws, regulations, and DOE Orders: e.g. the annual Environmental Stewardship Roadmap, RCRA Waste Minimization Plan, GPRA reports, quarterly waste generation reports and annual affirmative procurement report.

- Incorporation of pollution prevention into Integrated Safety Management (including support and implementation of the site Environmental Management System), (Appendix F Measure).
- Process improvement projects for waste and pollution generating organizations,
- Development and implementation of major pollution prevention projects, including the TA-55 Nitric Acid Evaporator Bottoms Vitrification Project, the Green is Clean Low-Level Waste avoidance system, the LANL recycling system, expanding use of launderable PPEs etc. (Necessary to achieve Appendix F Waste Minimization Performance Measure.)

Performance Measures
<p>Performance Objective:</p> <ol style="list-style-type: none"> 1. To support elimination of environmental vulnerabilities from Laboratory operations through process improvement.
<p>Milestone/Criteria/Metrics:</p> <ol style="list-style-type: none"> 1. Complete the cold test of the Vitrification system by the end of the 4th Quarter, FY2002. 2. Complete the Los Alamos National Laboratory Environmental Stewardship Roadmap by the end of the 1st Quarter, FY2002. 3. Identify high priority environmental issues for ISM by the end of the 3rd Quarter, FY2002. 4. Achieve Lab-wide (>80%) implementation of at least five pollution prevention best practices. 5. The milestones defined above support LANL's institutional performance for the following UC Contract (FY2001) Appendix F measures: <ul style="list-style-type: none"> • Environmental Safety, Health <ul style="list-style-type: none"> 1.2.a Environmental Performance 1.2.c Waste Minimization
<p>Performance Monitor: Carolyn Zerkle, ADO/IFC</p> <p>Status: The status of milestones will be presented to the DOE at the site reviews and in the quarterly reports.</p>

M&O Responsible Manager's Self-assessment:

The budget for FY2002 represents the minimum budget required to remain in compliance with DOE Orders and Regulations. Additional funding would enable the Laboratory to identify, and in some cases implement additional high Return-on-Investment projects. Implementing these projects would reduce waste and pollution, and reduce RTBF costs. Projected outyear budget requirements might increase due to a reorganization of the Laboratory's environmental function.